

DOCKETED

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School Bus Replacement Program GFO-17-607

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Fuels and Transportation Division

California Energy Commission

June 12, 2018

Rural School Bus Pilot Project

Erin Squire, Project Lead

North Coast Unified Air Quality Management District



Program Overview

- Part of the California Climate Investments Program and funded with proceeds from CA's Cap-and-Trade Program
- Current program year has \$10 million in grant funding
- Project Types Include:
 - School bus replacement utilizing Zero-Emission Vehicle Technology (allows for fleet expansion)
 - School bus replacement utilizing Hybrid or Internal Combustion Engine Technology, using Renewable Fuel Types (requires destruction)

Funding Amounts

New School Bus Technology	Maximum Funding Level
Hybrid and internal combustion engine school buses and incremental renewable fuel costs	\$165,000 (includes school bus, taxes, and incremental renewable fuel costs)
Zero-emission school buses	\$400,000
Electric school bus charging infrastructure	\$5,000

- Incremental renewable fuel costs are the difference in costs between the renewable fuel type and the comparable non-renewable fuel type that would be purchased to perform the same function
- Electric school bus charging infrastructure funding is per project (school bus)
- Projects that receive co-funding cannot exceed allowable projects costs

Application Process

Two-part application process:

Application Part A

- Accepted June 20 - August 10, 2018
- Requires basic information about the applicant, old school bus, and desired technology
- Award letters and Application Part B will be sent on or before September 10, 2018

Application Part B

- Only sent to applicants initially selected for funding
- Requires the submission of supporting documentation for the old school bus, vendor estimates, and school board resolutions

How to Apply

Application Part A can be submitted in three ways:

- Using the online application submittal page:
<http://www.ncuaqmd.org/index.php?page=rural.school.bus>
- Mail paper copy to the North Coast Unified AQMD
- Email application to:
ruralschoolbus@ncuaqmd.org

Application Workshop

Application Workshop will be held on June 13,
2018 at 10:00am.

Register using the link below:

<https://attendee.gotowebinar.com/register/4454204458695186947>

Please register even if you cannot attend, a
recorded version will be sent to you.

Questions? Email ruralschoolbus@ncuaqmd.org
Or call (707) 443-3093

Agenda

- Introduction
- Eligibility Requirements
- Application Requirements
- Evaluation Process & Criteria
- Time Table
- Questions/Comments



Twin Rivers Unified School District



Senate Bill 110

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- Funding: \$75 million
- Eligible applicants: school districts and county offices of education (COE).
- Priority should be given to the oldest school buses, or school buses operating in disadvantaged communities and to schools that have a majority of students eligible for free or reduced-price meals in the prior year.
- Any school bus replaced shall be scrapped.



Commitment to Diversity

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The Energy Commission adopted a resolution on April 8, 2015, to firmly commit to:

- Increase participation of women, minority, disabled veteran and LGBT business enterprises in program funding opportunities.
- Increase outreach and participation by disadvantaged communities.
- Increase diversity in participation at Energy Commission proceedings.
- Increase diversity in employment and promotional opportunities.



Commitment to Diversity

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Fairness – Increase funding accessibility to all Californians.

Inclusion – Small businesses make up a significant portion of the U.S. economy.

Job Creation – Projects can create jobs for residents of the under-served communities.

Diversity of Ideas – Great ideas occur in a variety of areas.

Diversity in Communities' Needs – Needs vary widely from one area to the next (air quality, socioeconomic, etc.).



Funding Availability

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- **SB 110 Funds**
 - EV School Buses \$75 million
- **Alternative and Renewable Fuels and Vehicle Technology Program (ARFVTP) Funds**
 - CNG School Buses \$3.7 million
 - CNG Fueling Infrastructure \$2.4 million
 - EV Charging Infrastructure \$13 million



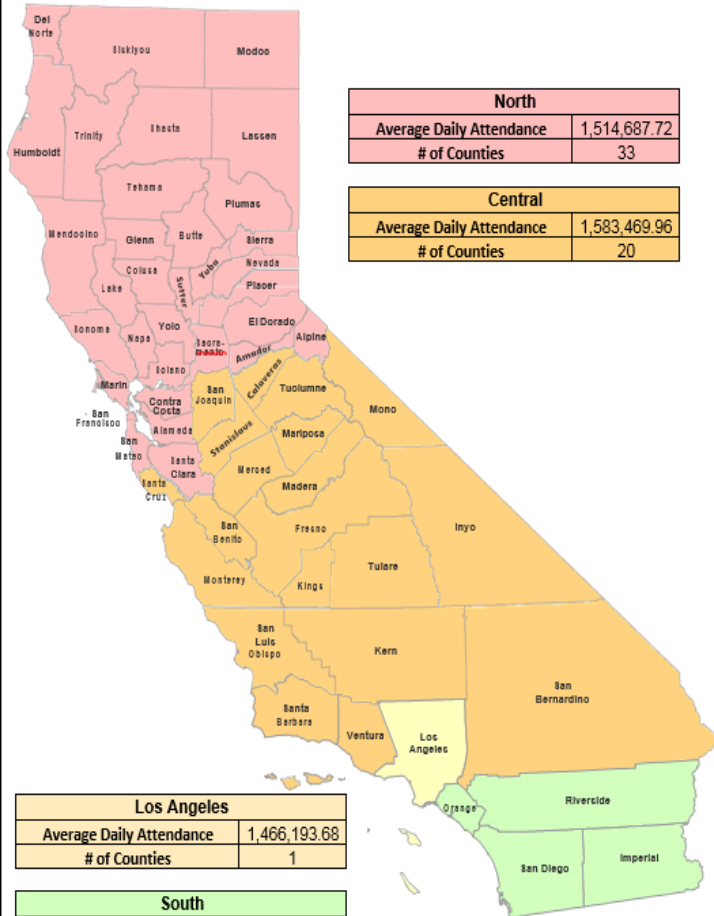
Geographic Distribution

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- SB 110 funds for electric school buses awarded evenly among four regions in California:
 1. Northern
 2. Central
 3. Southern
 4. Los Angeles County
- Each region will receive \$18.75 million to replace the oldest diesel buses in their individual regions.



Attachment 7 School Bus Replacement Program Regional Map



North	
Average Daily Attendance	1,514,687.72
# of Counties	33

Central	
Average Daily Attendance	1,583,469.96
# of Counties	20

Los Angeles	
Average Daily Attendance	1,466,193.68
# of Counties	1

South	
Average Daily Attendance	1,405,604.18
# of Counties	4

Program Design

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1. School bus replacement (2 phases)

- Phase 1: Solicit public school districts/COEs to establish a list of buses eligible for replacement based on applications received.
- Phase 2: Solicit manufacturers to design, construct, and deliver the replacement electric buses to school districts and COEs awarded in Phase 1. This phase is a separate competitive bus manufacturers solicitation planned for release in late 2018.



Cont. Program Design

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2. Provide fueling infrastructure to support awarded school buses.
3. Provide workforce training and development opportunities and resources to support electric school bus maintenance, charging, and operations.



Eligibility Requirements

Applicant Requirements

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California public school districts and county offices of education.

Private schools, public charter schools, joint powers authorities (JPAs), state special schools, private transportation companies and non-profit agencies are not eligible to apply.



Eligibility Requirements

Eligible Bus Replacement Types

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- Electric Buses, or (if necessary) CNG Buses
 - Type A
 - Type B
 - Type C
 - Type D

The bus replacement does not need to be “like for like replacement”.



Eligibility Requirements

Project Requirements

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Proposed projects must:

- Be for the purchase of new battery electric or CNG school bus(es).
- Replace diesel buses.
- Scrap and remove from services the old bus.



Eligibility Requirements

Project Requirements

pg. 12

1. Old School Bus Requirements:

- Be registered to a California public school district or COE;
- Have a current CHP certification;
- Have a current DMV registration;
- Be type A, B, C or D diesel fueled school bus;
- Be owned and operated by the school district/COE for a minimum of 1 year;
- Be removed from service and scrapped within 12 months from delivery of new bus. Proof of scrappage will be required (Attachment 12); and
- Not have been previously used to qualify for school bus replacement under another program or funding opportunity.



Eligibility Requirements

Project Requirements

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2. New School Bus Requirements:

- Receive a CHP certification before bus is placed in service;
- Be a current year model;
- Be owned and operated by the grant recipient for a minimum of 3 years; and
- Must be operated and maintained according to the manufacturer's warranty specifications.



Eligibility Requirements

Eligible Costs Electric Bus

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- Total cost of the bus as determined by the separate competitive bus manufacturers solicitation.
- Infrastructure funding up to \$60,000 per bus.
- Access to workforce training.



Eligibility Requirements

Eligible Costs CNG Bus

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- Up to \$165,000 in funding per CNG bus for a total maximum of \$3.7 million.
- Potential infrastructure funding up to \$500,000 per awardee for a total maximum of \$2.4 million.



Eligibility Requirements

Match Funding

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There is no match share requirement and applicants will not receive additional points for match funding in the evaluation phase.

However, there are opportunities to leverage funds. Examples include:

- Potential co-funding opportunities – California Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP): <https://www.californiahvip.org/>.
- Check with local air districts for available local funds.



Application Requirements

- ✓ Application Form (Electric and CNG)
- ✓ Governing Board Resolution
- ✓ CHP Certification
- ✓ DMV Registration
- ✓ Route Profile (if applying for CNG school bus)
- ✓ What would cause an application to be rejected
- ✓ Quick Reference Guide



Application Requirements

Additional Requirements if Awarded

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Additional information will be required of potential awardees once the final Notice of Proposed Awards (NOPA) is posted:

- CEQA Worksheet
- Localized Health Impacts (LHI) Information Form
- Scope of Work (SOW)
- Utility Data Release Authorization and Facility and Service Account Information Form



Evaluation Process and Criteria

Administrative Screening

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Administrative Screening:

- Application was received by due date and time.
- Application was signed.
- No statements in the application contrary to the required authorizations and certifications.



Evaluation Process and Criteria

Technical Screening

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Technical Screening:

- The applicant is eligible.
- The project is eligible.



Evaluation Process and Criteria

Scoring Criteria

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Criterion	Possible Points
Age of School Bus	70 points
Benefits to Disadvantaged Communities	10 points
Free and Reduced Price Meals	20 points



Evaluation Process and Criteria

Funding

- Electric
 - School Bus Purchase \$75 million (Prop 39)
 - School Bus Infrastructure \$13 million (ARFVTP)
- CNG
 - School Bus Purchase \$3.7 million (ARFVTP)
 - School Bus Infrastructure \$2.4 million (ARFVTP)



Evaluation Process and Criteria

Ranking

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- Applicants will compete by region.
(Northern, Central, Southern, and Los Angeles County)
- Buses will be listed in ranked order by final score.
- Tie breaker:
 - Age of buses
 - Free and Reduced Price Meal
 - Disadvantaged Communities
 - Objective tiebreaker



Evaluation Process and Criteria

Two NOPAs

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- Initial Notice of Proposed Awards (NOPA):
 - Ranks applicants and bus replacements requested.
 - No specific funding amount.
 - Proposals are no longer confidential.

Funding amount determined by a separate competitive manufacturers solicitation (released date, late 2018).

- Final NOPA:
 - Identifies funding amount and which bus replacements will be proposed for funding.



Evaluation Process and Criteria

Develop Agreements

- Document Development
 - CEQA
 - Localized Health Impacts (LHI) Information Form
 - Scope of Work (SOW)
 - Utility Data Release and Information
- Business Meeting Approval
- Document Execution



Key Dates

Activity	Date
Deadline for Written Questions by 5:00 p.m.	June 15, 2018
Anticipated Distribution of Questions/Answers	July 6, 2018
Deadline to Submit Applications by 5:00 p.m.	September 20, 2018
Initial NOPA	October 2018
Revised NOPA	February 2019
Commission Business Meeting	April 2019
School Buses Delivered	<i>Estimated</i> -October 2019



Questions and Answers

Please send all questions related to GFO-17-607 to:

Crystal Presley-Willis
Commission Agreement Officer

1516 Ninth Street, MS-18

Sacramento, CA 95814

(916) 653-6110

(916) 654-4423 (fax)

Crystal.Presley-Willis@energy.ca.gov

Deadline to submit questions is June 15, 2018

5:00 PM PDT!

